Ultra Oil

# High-Efficiency Oil Boiler

## ULTRA OIL

Water - Chimney or Direct Vent
MBH: 98-172
Min. Efficiency: 86%




**WITH NEW BURNER OPTIONS**

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## High-Efficiency Oil Boiler Minimum Efficiency: 86%

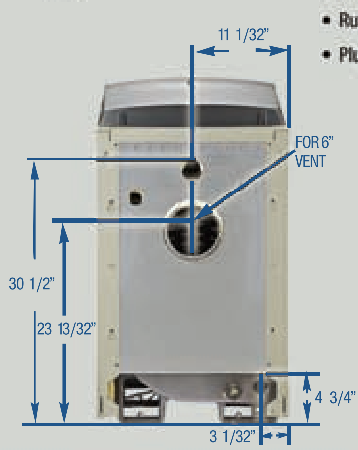
| Models | UO-3 | UO-3 | UO-4 | UO-5 |
|---|---|---|---|---|
| | Part No. 386-901-000 | Part No. 386-901-000 | Part No. 386-901-001 | Part No. 386-901-002 |
| **Ratings** | | | | |
| I=B=R Burner Capacity (GPH) | 0.80 | 1.00 | 1.20 | 1.40 |
| CSA Input (MBH) | 112 | 140 | 168 | 196 |
| DOE Heating Capacity (MBH) | 98 | 122 | 146 | 172 |
| Net I=B=R Ratings (MBH) | 85 | 106 | 127 | 150 |
| DOE Seasonal Efficiency AFUE (%) | 86.5 | 86.5 | 86.2 | 86.5 |
| Draft Loss Through Boiler (inches wc) | .000 | .020 | .025 | .040 |
| **Data** | | | | |
| I=B=R Chimney Rectangle | 8"x8" | 8"x8" | 8"x8" | 8"x8" |
| I=B=R Chimney Round | 6" | 6" | 6" | 6" |
| I=B=R Chimney Height | 15' | 15' | 15' | 15' |
| Water Volume | 15.00 Gal. | 15.00 Gal. | 18.25 Gal. | 21.50 Gal. |
| Approximate Shipping Weight | 636 | 636 | 737 | 852 |
| **Dimensions** | | | | |
| Supply Tapping | 1 1/2" | 1 1/2" | 1 1/2" | 1 1/2" |
| Return Tapping | 1 1/2" | 1 1/2" | 1 1/2" | 1 1/2" |
| Depth – With Burner (B) | 37" | 37" | 41" | 45" |
| Depth – Boiler (L) | 25" | 25" | 29" | 33" |



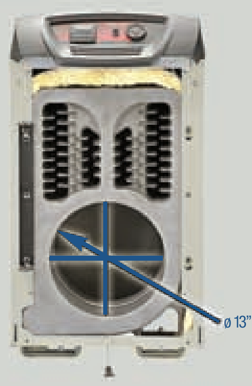
FRONT



SIDE



BACK



INTERMEDIATE

## Standard Equipment

- Three-pass cast iron heat exchanger with captured elastomer seals
- Reversible swing-away burner door
- Silicone coated fiberglass sealing rope
- Boiler drain
- Relief valve (30psi)
- Attractive jacket design
- Hinged control POD
- Service switch
- Temperature/pressure gauge
- Factory wired terminal strips with labeled wires (pre-wired to accept external limits such as high limit and low water cut off)
- Electronic aquastat
- Quick disconnect burner plug
- Barometric damper
- Circulator

## Optional Equipment

- Beckett NX – (Chimney or Direct Vent)
- Beckett AFG – (Chimney Vent Only)
- Riello – (Chimney or Direct Vent)
- Direct vent kit
- 50 psi relief valve

### Advanced Features Module (AFM)

- Outdoor Reset
- Low Temperature Mixing
- Setpoint Operation
- DHW Priority
- DHW Priority Override
- DHW Post Purge
- Stage Fire Two Boilers
- Minimum Boiler Setting
- Automatic Boiler Differential
- Boiler Protection
- Warm Weather Shutdown
- Freeze Protection
- Mixing Device Exercise
- Pump Exercise
- Test Sequence
- LCD Remote Display
- Run Hours Log
- Plug-in Terminals



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